

We Claim:

1 ✓ A hose for transmitting liquids, the hose comprising:
2 an inner tubular portion made of a chlorinated polyethylene polymer
3 which has been peroxide cured;
4 a ply of metal wire braided directly over the inner tubular portion;
5 a thin rubber layer covering the wire;
6 a layer of polyester yarn braided over the thin rubber layer, and
7 a dye containing urethane deposited over and into the layer of yarn.

1 2. The hose of claim 1 wherein the formulation of the tubular portion
2 includes a plasticizer including a blend of polymeric and ester based
3 components.

1 3. The hose of claim 2 wherein the formulation includes a heat stabilizer
2 including a blend of metal oxides and silicates.

1 4. The hose of claim 3 wherein the formulation includes a vulcanizing
2 agents in the form of peroxide and cross-linking agents which effect the
3 peroxide cure.

1 5. The hose of claim 4 wherein the formulation includes quinoline-type
2 antegradants.

1 6. The hose of claim 1 wherein the formulation includes a vulcanizing
2 agents in the form of peroxide and cross-linking agents which effect the
3 peroxide cure.

1 7. The hose of claim 1 wherein the thin rubber layer is comprised of the
2 same formulation as the tubular portion.

1 8. The hose of claim 7 wherein the ply of metal wire is comprised of
2 stainless steel or brass coated steel wire.

1 9. The hose of claim 1 wherein the ply of metal wire is comprised of
2 stainless steel or brass coated steel wire.

1 10. A tube comprising a wall made of chlorinated polyethylene polymer
2 formulation which has been peroxide cured and includes a plasticizer
3 comprising a blend of polymeric and enter based components.

1 11. The tube of claim 10 wherein the formulation includes a heat stabilizer
2 including a blend of metal oxides and silicates.

1 12. The tube of claim 11 wherein the formulation includes vulcanizing
2 agents in the form of peroxide and cross-linking agents which effects the
3 peroxide cure.

1 13. The tube of claim 12 wherein the formulation includes quinoline-type
2 antegradants.

1 14. A method of making a hose for transmitting liquids, comprising:
2 forming an inner tubular portion made of a chlorinated polyethylene
3 polymer formulation which has a peroxide component;
4 braiding a ply of metal wire directly over the inner tubular portion;
5 covering the wire with a thin rubber layer;
6 braiding a layer of polyester yarn over the thin rubber layer,
7 depositing a dye containing urethane over the layer of yarn, and
8 vulcanizing the hose.

1 15. The method of claim 14 wherein the formulation of the tubular portion
2 includes a plasticizer including a blend of polymeric and ester based
3 components.

1 16. The method of claim 15 wherein the formulation includes a heat
2 stabilizer including a blend of metal oxides and silicates.

1 17. The method of claim 16 wherein the formulation includes vulcanizing
2 agents in the form of peroxide and cross-linking agents which effect the
3 peroxide cure.

1 18. The method of claim 4 wherein the formulation includes quinoline-type
2 antegradants.

1 19. The method of claim 18 wherein the formulation includes carbon black
2 and low molecular weight waxes.